

FLEXIBLE ELECTRO-OPTIC DISPLAYS

Abstract

An encapsulated electrophoretic medium comprises a plurality of capsules dispersed in a polymeric binder, each of the capsules comprising a capsule wall, a suspending fluid contained within the capsule wall, and a plurality of electrically charged particles suspended in the suspending fluid and capable of moving therethrough upon application of an electric field to the medium, the polymeric binder having a shear modulus of at least about 10 mPa at 20°C, and preferably over the range of 10–50°C.